

Garant

GARANT Master Steel solid carbide mini milling cutter HPC, TiAlN, Ø e8 DC: 1,5 mm



Order data

| | |
|--------------|---------------|
| Order number | 202289 1,5 |
| GTIN | 4062406271107 |
| Item class | 11X |

Description

Version:

Extra short cutter for maximum stability. **Shank length to DIN** for improved support of the tool in the holder. This significantly increases the tool life.

Save the regrinding costs: It is cheaper to use a carbide mini slot drill to the limit of wear and throw it away, than to regrind it.

Tool for **general-purpose machining**.

Note:

HB shanks are available at the same price as HA.

For **HB** shanks use order **no. 202291**.

Tolerance nominal Ø: e8

No. of teeth Z: 3

Helix angle: 30 degrees

Direction of infeed: horizontal, oblique and vertical

Shank: DIN 6535 HA to h6

No. of teeth Z: 3

Flute length L_c : 3 mm

Overall length L: 38 mm

Shank Ø D_s : 3 mm

Feed f_z for slot milling in steel < 900 N/mm²: 0.005 mm

Feed f_z for side milling in steel < 900 N/mm²: 0.006 mm

Technical description

| | |
|----------------------|--------|
| Cutting edge Ø D_c | 1.5 mm |
|----------------------|--------|

| | |
|--|----------------------------------|
| Tolerance nominal \varnothing | e8 |
| Flute length L_c | 3 mm |
| Direction of infeed | horizontal, oblique and vertical |
| No. of teeth Z | 3 |
| Feed f_z for slot milling in steel < 900 N/mm ² | 0.005 mm |
| Helix angle | 30 degrees |
| Shank | DIN 6535 HA to h6 |
| Shank $\varnothing D_s$ | 3 mm |
| Overall length L | 38 mm |
| Feed f_z for side milling in steel < 900 N/mm ² | 0.006 mm |
| Corner chamfer angle | 90 degrees |
| Series | GARANT Master Steel |
| Coating | TiAlN |
| Tool material | Solid carbide |
| Standard | Manufacturer's standard |
| Type | N |
| Helix angle characteristic | unequal spacing |
| Cutting width a_e for milling operation | Full slot cutting depth 1xD |
| Cutting width a_e for milling operation | Full slot cutting depth 1xD |
| Through-coolant | no |
| Machining strategy | HPC |
| Colour ring | green |
| Type of product | End mill |